

AMENDMENTS TO THE CLAIMS

Please cancel claims 26 and 27 without prejudice or disclaimer to the subject matter recited therein. Please amend claims 15, 16 and 28 as follows.

1. - 14. (Canceled)

15. (Currently Amended) An optical head, comprising:

a light source;

a light flux separation element that separates a light flux emitted from the light source for at least a first light flux and a second light flux to come out therefrom;

an objective lens on which the first light flux is incident to be collected on an optical information recording medium;

a light-receiving element on which the second light flux is incident;

an arithmetic circuit that adjusts a quantity of light emitted from the light source in response to a quantity of light incident on the light-receiving element; [[and]]

a photo-detector on which reflected light from the optical information medium is incident,

an optical stand;

a holder that holds the objective lens to be movable in a focus direction and in a tracking direction;

a base fixed to the optical stand and supporting the holder; and

an arch-shaped linking member provided to the base, wherein

a light exiting-surface of the light flux separation element from which the second light flux comes out is laminated to a light incident-surface of the light-receiving element on which the second light flux is incident, and

the light-receiving element is disposed so as to be set inside the base together with the light flux separation element through the arch-shaped linking member.

16. (Currently Amended) The optical head according to Claim 15, wherein:

the light exiting-surface of the light flux separation element from which the second light flux comes out is laminated to the light incident-surface of the light-receiving element on which the second light flux is incident via an adhesive layer.

17. (Previously Presented) The optical head according to Claim 16, wherein:

the adhesive layer has light transmittance of 95% or below.

18. (Previously Presented) The optical head according to Claim 17, wherein:

the adhesive layer has the light transmittance of 40% or above.

19. (Previously Presented) The optical head according to Claim 17, wherein:

the adhesive layer has the light transmittance of 80% or below.

20. (Previously Presented) The optical head according to Claim 19, wherein:

the adhesive has the light transmittance of 60% or above.

21. (Previously Presented) The optical head according to Claim 16, wherein:
transmission wave aberration of the adhesive layer is set to $20\text{ m}\lambda$ or larger.

22. (Previously Presented) The optical head according to Claim 21, wherein:
transmission wave aberration of the adhesive layer is set to $300\text{ m}\lambda$ or smaller.

23. (Previously Presented) The optical head according to Claim 21, wherein:
transmission wave aberration of the adhesive layer is set to $60\text{ m}\lambda$ or larger.

24. (Previously Presented) The optical head according to Claim 23, wherein:
transmission wave aberration of the adhesive layer is set to $200\text{ m}\lambda$ or smaller.

25. (Previously Presented) The optical head according to Claim 16, wherein:
the adhesive layer is made of UV-curing adhesive.

26. (Canceled)

27. (Canceled)

28. (Currently Amended) An optical information medium driving device, comprising:
an optical head;

a focus control circuit that controls the optical head on the basis of a focus error signal
obtained from the optical head; and

a tracking control circuit that controls the optical head on the basis of a tracking error signal obtained from the optical head,

the optical head including:

a light source;

a light flux separation element that separates a light flux emitted from the light source for at least a first light flux and a second light flux to come out therefrom;

an objective lens on which the first light flux is incident to be collected on an optical information recording medium;

a light-receiving element on which the second light flux is incident;

an arithmetic circuit that adjusts a quantity of light emitted from the light source in response to a quantity of light incident on the light-receiving element; [[and]]

a photo-detector on which reflected light from the optical information medium is incident,

an optical stand;

a holder that holds the objective lens to be movable in a focus direction and in a tracking direction;

a base fixed to the optical stand and supporting the holder; and

an arch-shaped linking member provided to the base, wherein

a light exiting-surface of the light flux separation element from which the second light flux comes out is laminated to a light incident-surface of the light-receiving element on which the second light flux is incident, and

the light-receiving element is disposed so as to be set inside the base together with the light flux separation element through the arch-shaped linking member.